



23641

PATENT TRADEMARK OFFICE

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Form: PTO/SB/05 (03-01)

Customer No.: 23641

Attorney
Docket No.: 19763/82069First Named
Inventor: James J. Xu

Title: POLYAMIDEIMIDE COMPOSITION

Certificate Under 37 CFR 1.10

Express Mail Label No. EL 638 690 350 US

I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to the: Box Patent Application, Assistant Commissioner of Patents, Washington, D.C., 20231

on October 16, 2001

Stacey E. Tolar
Stacey E. Tolar

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.

3. ☒ Specification [Total Pages 23]
- Descriptive title of the invention
- Technical Field
- Background Art and Summary
- Detailed Description
- Claims
- Abstract of the Disclosure

4. ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets]

5. Oath or Declaration [Total Pages 2]

a. ☒ Newly executed (original or copy)

b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)

i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. ☐ Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); or

ii. ☐ paper

c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))

10. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney
(when there is an assignee)

11. ☐ English Translation Document (if applicable)

12. ☐ Information Disclosure ☐ Copies of IDS Citations
Statement (IDS)/PTO-1149

13. ☐ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. ☒ Nonpublication Request Under 35 U.S.C. 112(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. ☐ Other: _____

10/16/01
JC962 U.S. PTO

JC973 U.S. PTO
09/978326
10/16/01

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: /

Prior application information: Examiner: Group/Art Unit:

For CONTINUATION OR DIVISIONAL APPLICATIONS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.



Gregory S. Copper
Reg. No. 40,965

Date: October 16, 2001

Send Fees and Completed Form to:

Assistant Commissioner of Patents
Box Patent Application
Washington, DC 20231

Form: PTO/SB/05 (03-01)

FWDS01 GZC 144004

10-18-01

A

10/16/01
JC962 U.S. PTO



PATENT TRADEMARK OFFICE

BARNES & THORNBURG

600 One Summit Square
Fort Wayne, Indiana 46802
(219) 423-9440

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Form: PTO/SB/17 (10-01)

Customer No.: 23641 }

First Named Inventor: James J. Xu }

Attorney Docket No.: 19763/82069 }

Title: POLYAMIDEIMIDE COMPOSITION }

Certificate Under 37 CFR 1.10

Express Mail Label No. EL 638 690 350 US

I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to the: Box Patent Application, Assistant Commissioner of Patents, Washington, D.C., 20231

on October 16, 2001

Stacey E. Tolar
Stacey E. Tolar

FEE TRANSMITTAL FOR FY 2001

TOTAL AMOUNT OF PAYMENT: \$816.00

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge any additional fee required under 37 CFR 1.16 and 1.17 and credit any overpayments to:

Deposit Account Number: 02-1010
Deposit Account Name: Barnes & Thornburg

- ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ **Payment Enclosed:**

- ☒ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. Basic Filing Fee:

Large Fee Code	Entity Fee	Small Fee Code	Entity Fee	Fee Description	Fee Paid
101	\$740.00	201	\$370.00	Utility Filing Fee	\$740.00
106	\$330.00	206	\$165.00	Design Filing Fee	
107	\$510.00	207	\$255.00	Plant Filing Fee	
108	\$740.00	208	\$370.00	Reissue Filing Fee	
114	\$160.00	214	\$80.00	Provisional Filing Fee	
SUBTOTAL (1)					\$740.00

2. Extra Claim Fees:

			Extra Claims	Fee from below	Fee Paid
Total Claims	22	-20** =	2	x \$18.00	\$36.00
Independent Claims	2	- 3** =	0	x \$84.00	\$0.00
Multiple Dependent Claim					\$0.00
SUBTOTAL (2)					\$36.00

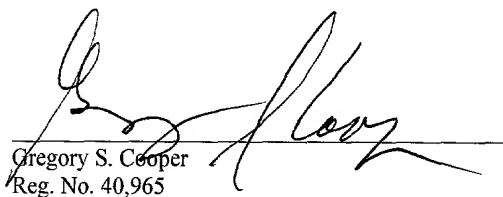
Large Fee Code	Entity Fee	Small Fee Code	Entity Fee	Fee Description
103	\$18.00	203	\$9.00	Claims in excess of 20
102	\$84.00	202	\$42.00	Independent claims in excess of 3
104	\$280.00	204	\$140.00	Multiple dependent claims, if not paid
109	\$84.00	209	\$42.00	** Reissue independent claims over original patent
110	\$18.00	210	\$9.00	** Reissue claims in excess of 20 and over original patent

** or number previously paid, if greater; For Reissues, see above

3. Additional Fees

Large Fee Code	Entity Fee	Small Fee Code	Entity Fee	Fee Description	Fee Paid
105	\$130.00	205	\$65.00	Surcharge - late filing fee or oath	
127	\$50.00	227	\$25.00	Surcharge - late provisional filing fee or cover sheet	
139	\$130.00	139	\$130.00	Non-English specification	
147	\$2,520.00	147	\$2,520.00	For filing a request for <i>ex parte</i> reexamination	
112	\$920.00*	112	\$920.00*	Requesting publication of SIR prior to Examiner action	
113	\$1,840.00*	113	\$1,840.00*	Requesting publication of SIR prior to Examiner action	
115	\$110.00	215	\$55.00	Extension for reply within first month	
116	\$400.00	216	\$200.00	Extension for reply within second month	
117	\$920.00	217	\$460.00	Extension for reply within third month	
118	\$1,440.00	218	\$720.00	Extension for reply within fourth month	

Large Fee Code	Entity Fee	Small Fee Code	Entity Fee	Fee Description	Fee Paid
128	\$1,960.00	228	\$980.00	Extension for reply within fifth month	
119	\$320.00	219	\$160.00	Notice of Appeal	
120	\$320.00	220	\$160.00	Filing a brief in support of an appeal	
121	\$280.00	221	\$140.00	Request for oral hearing	
138	\$1,510.00	138	\$1,510.00	Petition to institute a public use proceeding	
140	\$110.00	240	\$55.00	Petition to revive - unavoidable	
141	\$1,280.00	241	\$640.00	Petition to revive - unintentional	
142	\$1,280.00	242	\$640.00	Utility issue fee (or reissue)	
143	\$460.00	243	\$230.00	Design issue fee	
144	\$620.00	244	\$310.00	Plant issue fee	
122	\$130.00	122	\$130.00	Petitions to the Commissioner	
123	\$50.00	123	\$50.00	Petitions related to provisional applications	
126	\$180.00	126	\$180.00	Submission of Information Disclosure Statement	
581	\$40.00	581	\$40.00	Recording each patent assignment per property (times number of properties)	\$40.00
146	\$740.00	246	\$370.00	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	\$740.00	249	\$370.00	For each additional invention to be examined (37 CFR § 1.129(b))	
179	\$740.00	279	\$370.00	Request for Continued Examination (RCE)	
169	\$900.00	169	\$900.00	Request for expedited examination of a design application	
Other fee (specify): _____					
* Reduced by Basic Filing Fee Paid					
SUBTOTAL (3)					\$40.00


 Gregory S. Cooper
 Reg. No. 40,965

Date: October 16, 2001
 FWDS01 GZC 145053



23641

PATENT TRADEMARK OFFICE

BARNES & THORNBURG

600 One Summit Square
Fort Wayne, Indiana 46802
(219) 423-9440

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Form: PTO/SB/17 (11-00)

Complete If Known

Customer No.: 23641

First Named

Inventor: James J. Xu

Attorney

Docket No.: 19763/82069

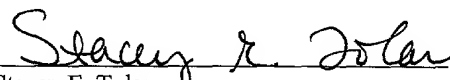
Title: POLYAMIDEIMIDE COMPOSITION

Certificate Under 37 CFR 1.10

Express Mail Label No. EL 638 690 350 US

I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to the: Box Patent Application, Assistant Commissioner of Patents, Washington, D.C., 20231

on October 16, 2001


Stacey E. Tolar

REQUEST AND CERTIFICATION

UNDER

35 U.S.C. 122(b)(2)(B)(i)

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).


Gregory S. Cooper

Reg. No. 40,965

(219) 423-9440

Date: October 16, 2001

Year	Country	Population (millions)	Urban population (millions)	Urban population (%)	Population density (per sq km)	Urban population density (per sq km)
1950	United States	150	80	53	30	120
1950	France	40	20	50	100	200
1950	Germany	50	25	50	150	300
1950	Italy	45	20	44	180	360
1950	Japan	80	40	50	330	660
1950	China	550	100	18	120	24
1950	India	360	50	14	150	21
1950	U.S.S.R.	160	50	31	80	25
1950	Canada	10	5	50	30	15
1950	South Africa	10	5	50	30	15
1950	Argentina	15	8	53	40	20
1950	Brazil	70	20	29	20	6
1950	Mexico	25	10	40	30	12
1950	Colombia	10	4	40	20	8
1950	Venezuela	10	4	40	20	8
1950	Chile	5	2	40	20	8
1950	Peru	10	4	40	20	8
1950	Ecuador	5	2	40	20	8
1950	Guatemala	5	2	40	20	8
1950	Honduras	3	1	33	10	3
1950	Nicaragua	2	1	50	10	5
1950	Costa Rica	1	0.5	50	10	5
1950	Panama	1	0.5	50	10	5
1950	Cuba	1	0.5	50	10	5
1950	Dominican Republic	0.5	0.2	40	5	2
1950	Haiti	0.5	0.2	40	5	2
1950	Jamaica	0.5	0.2	40	5	2
1950	Trinidad and Tobago	0.5	0.2	40	5	2
1950	Guyana	0.5	0.2	40	5	2
1950	Suriname	0.5	0.2	40	5	2
1950	French Guiana	0.5	0.2	40	5	2
1950	Guadeloupe	0.1	0.05	50	1	0.5
1950	Martinique	0.1	0.05	50	1	0.5
1950	Reunion	0.1	0.05	50	1	0.5
1950	Mayotte	0.1	0.05	50	1	0.5
1950	French Polynesia	0.1	0.05	50	1	0.5
1950	Wallis and Futuna	0.01	0.005	50	0.01	0.005
1950	French Southern Territories	0.01	0.005	50	0.01	0.005
1950	French Overseas	0.01	0.005	50	0.01	0.005
1950	French Africa	0.01	0.005	50	0.01	0.005
1950	French Asia	0.01	0.005	50	0.01	0.005
1950	French Oceania	0.01	0.005	50	0.01	0.005
1950	French Pacific	0.01	0.005	50	0.01	0.005
1950	French Caribbean	0.01	0.005	50	0.01	0.005
1950	French Atlantic	0.01	0.005	50	0.01	0.005
1950	French Indian Ocean	0.01	0.005	50	0.01	0.005
1950	French Antarctic	0.01	0.005	50	0.01	0.005
1950	French Southern Ocean	0.01	0.005	50	0.01	0.005
1950	French Arctic	0.01	0.005	50	0.01	0.005
1950	French Northern Ocean	0.01	0.005	50	0.01	0.005
1950	French Western Ocean	0.01	0.005	50	0.01	0.005
1950	French Eastern Ocean	0.01	0.005	50	0.01	0.005
1950	French Central Ocean	0.01	0.005	50	0.01	0.005
1950	French Southern Ocean	0.01	0.005	50	0.01	0.005
1950	French Northern Ocean	0.01	0.005	50	0.01	0.005
1950	French Western Ocean	0.01	0.005	50	0.01	0.005
1950	French Eastern Ocean	0.01	0.005	50	0.01	0.005
1950	French Central Ocean	0.01	0.005	50	0.01	0.00

Year	Country	Population (millions)	Urban population (millions)	Urban population (%)	Population density (per sq km)	Urban population density (per sq km)
1950	United States	150	80	53	30	120
1950	France	40	20	50	100	200
1950	Germany	50	25	50	150	300
1950	Italy	45	20	44	180	360
1950	Japan	80	40	50	330	660
1950	China	550	100	18	120	24
1950	India	360	50	14	150	21
1950	U.S.S.R.	160	50	31	80	25
1950	Canada	10	5	50	30	15
1950	South Africa	10	5	50	30	15
1950	Argentina	15	8	53	40	20
1950	Brazil	50	20	40	20	8
1950	Mexico	25	10	40	20	8
1950	Colombia	10	5	50	30	15
1950	Venezuela	10	5	50	30	15
1950	Chile	5	2.5	50	15	7.5
1950	Peru	10	5	50	30	15
1950	Ecuador	5	2.5	50	15	7.5
1950	Guatemala	5	2.5	50	15	7.5
1950	Honduras	3	1.5	50	8	4
1950	El Salvador	2	1	50	4	2
1950	Nicaragua	2	1	50	4	2
1950	Panama	1	0.5	50	2	1
1950	Cuba	7	3.5	50	14	7
1950	Dominican Republic	2	1	50	4	2
1950	Haiti	2	1	50	4	2
1950	Jamaica	0.5	0.25	50	1	0.5
1950	Trinidad and Tobago	0.5	0.25	50	1	0.5
1950	Guyana	0.5	0.25	50	1	0.5
1950	Suriname	0.5	0.25	50	1	0.5
1950	French Guiana	0.5	0.25	50	1	0.5
1950	Guadeloupe	0.1	0.05	50	0.2	0.1
1950	Martinique	0.1	0.05	50	0.2	0.1
1950	Reunion	0.1	0.05	50	0.2	0.1
1950	French Polynesia	0.1	0.05	50	0.2	0.1
1950	Wallis and Futuna	0.01	0.005	50	0.02	0.01
1950	French Southern Territories	0.01	0.005	50	0.02	0.01
1950	French West Africa	100	50	50	10	5
1950	French North Africa	10	5	50	100	200
1950	French Indochina	50	20	40	20	8
1950	French Madagascar	10	5	50	30	15
1950	French Comoros	0.1	0.05	50	0.2	0.1
1950	French Seychelles	0.01	0.005	50	0.02	0.01
1950	French Antarctic Territory	0.01	0.005	50	0.02	0.01
1950	French New Caledonia	0.01	0.005	50	0.02	0.01
1950	French Polynesia	0.01	0.005	50	0.02	0.01
1950	French Southern Territories	0.01	0.005	50	0.02	0.01
1950	French West Africa	100	50	50	10	5
1950	French North Africa	10	5	50	100	200
1950	French Indochina	50	20	40	20	8
1950	French Madagascar	10	5	50	30	15
1950	French Comoros	0.1	0.05	50	0.2	0.1
1950	French Seychelles	0.01	0.005	50	0.02	0.01
1950	French Antarctic Territory	0.01	0.005	50	0.02	0.01
1950	French New Caledonia	0.01	0.005	50	0.02	0.01
1950	French Polynesia	0.01	0.005	50	0.02	0.01
1950	French Southern Territories	0.01	0.005	50	0.02	0.01
1950	French West Africa	100	50	50	10	5
1950	French North Africa	10	5	50	100	20

Year	Country	Population (millions)	Urban population (millions)	Urban population (%)	Population density (per sq km)	Urban population density (per sq km)
1950	United States	150	80	53	25	100
1950	France	45	25	56	100	150
1950	Germany	65	35	54	150	250
1950	Italy	45	25	56	100	150
1950	Japan	90	50	56	300	450
1950	China	550	100	18	15	30
1950	India	350	50	14	10	20
1950	U.S.S.R.	160	50	31	10	20
1950	Canada	25	10	40	25	100
1950	South America	200	50	25	15	30
1950	Latin America	200	50	25	15	30
1950	Europe	500	250	50	100	150
1950	Asia	1000	100	10	10	20
1950	Africa	250	20	8	10	20
1950	Oceania	20	5	25	10	20
1950	World	2500	500	20	15	30

Year	Country	Population (millions)	Urban population (millions)	Urban population (%)	Population density (per sq km)	Urban population density (per sq km)
1950	United States	150	80	53	25	100
1950	France	45	25	56	100	150
1950	Germany	65	35	54	150	250
1950	Italy	45	25	56	100	150
1950	Japan	90	50	56	300	450
1950	China	550	100	18	15	30
1950	India	350	50	14	10	20
1950	U.S.S.R.	160	50	31	10	20
1950	Canada	25	10	40	25	100
1950	South America	200	50	25	15	30
1950	Latin America	200	50	25	15	30
1950	Europe	500	250	50	100	150
1950	Asia	1000	100	10	10	20
1950	Africa	250	20	8	10	20
1950	Oceania	20	5	25	10	20
1950	World	2500	500	20	15	30